

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-178375

(43)Date of publication of application : 30.06.1998

(51)Int.Cl. H04B 7/12
H04B 7/01
H04L 1/04

(21)Application number : 08-339548

(71)Applicant : NEC CORP

(22)Date of filing : 19.12.1996

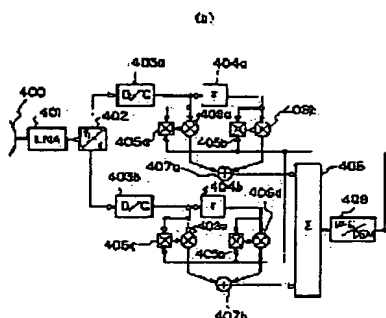
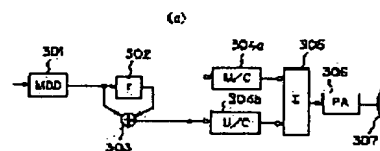
(72)Inventor : SONODA HIDEAKI

(54) DIVERSITY RADIO TRANSMISSION/RECEPTION DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a diversity radio transmission/reception device having an effect equal to a quartet diversity accompanied by spatial diversity while the number of antennas and transmission output amplifiers is reduced to half by devising the circuit constitution of the diversity radio transmission/reception device adopting a frequency diversity system.

SOLUTION: A delay element 302 giving prescribed delay which is sufficiently longer than a symbol wavelength on a transmission side and a reception side. The transmission signal and a signal to which delay is given by the delay element 302 are added from the transmission side. Thus, the signals diffused on a time base are synthesized. Then, it is transmitted to one antenna. On the reception side, a reception signal is added with a signal obtained by delaying the reception signal. Thus, the signals diffused on the time base are converged and composed.



LEGAL STATUS

[Date of request for examination] 19.12.1996

[Date of sending the examiner's decision of rejection] 13.12.2000

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office